

CLAIM AMENDMENTS

1. (Original) Process for the manufacturing (1-1ⁿ) of textile material and for dividing them from the ribbon form (3-3ⁿ) into individual examples, characterized in that a label ribbon (3-3ⁿ) produced on a loom (2) is conveyed directly to a cutting unit (4), in that the label ribbon in question is clamped during the cutting phase, and in that a cutting device (5) is conveyed across (6,7) said label ribbon (3-3ⁿ), after which the labels (1-1ⁿ, 1A-1ⁿA) that have been cut are so arranged as to be received in a collecting position for this purpose.
2. (Original) Process in accordance with Patent Claim 1, characterized in that the label ribbon (3-3ⁿ) arriving from the loom (2) is conveyed to a subjacent support table (9).
3. (Original) Process in accordance with one or other of the foregoing Patent Claims 1-2, characterized in that several label ribbons (3-3ⁿ) positioned side by side are conveyed forward, and in that they are cut together in a common operation by means of the cutting device (5).
4. (Original) Process in accordance with Patent Claim 3, characterized in that the cutting device (5) is a laser-cutting device which is preferably a CO2 laser cutter, and/or in that the laser beam is stationary generated and guided to the cutting head by mirror deflection.
5. (Currently Amended) Process in accordance with Claim 1 ~~one or other of the foregoing Patent Claims 1-4~~, characterized in that the label ribbon/ribbons (3-3ⁿ) in question are clamped by means of a roller (10), a wheel or a similar rolling instrument that can be rotated and braked.
6. (Currently Amended) Process in accordance with ~~one or other of the foregoing Patent Claims 1-5~~ Claim 1, characterized in that special controlling or cutting marks can be produced in the loom on said ribbon, for instance colored lines which are significant for the place at which the cutting device should operate, and in that the cutting apparatus, which can comprise a scanning device for scanning said controlling or cutting marks, starts to

initiate a cutting operation each time the scanning device detects a controlling or cutting mark.

7. (Currently Amended) Process in accordance with Claim 1 ~~one or other of the foregoing Patent Claims 1-6~~, characterized in that, in conjunction with cutting of the ribbon (3), the label (1) is caused to be double-folded (1S, 1B) in a common operation for all cit labels (1-1ⁿ) situated across the width.
8. (Original) Process in accordance with Patent Claim 7, characterized in that a straight-edge extending across the running direction (12) of the ribbons (8-8ⁿ) is caused to be lowered into a gap formed in the support table (9).
9. (Currently Amended) Arrangement for the implementation of a process for manufacturing labels (1-1ⁿ) of textile material and for dividing them from ribbon form into individual examples in accordance with ~~one of Patent Claims 1-8~~ Claim 1, characterized in that a ribbon (3-3ⁿ) for the labels (1-1ⁿ) manufactured in the loom (2) leads directly to a cutting device (4), in which said label ribbon (3-3ⁿ) is cut into individual labels (1-1ⁿ), in that there is a clamping instrument (10) to clamp the label ribbon (3-3ⁿ) during the cutting phase across (6,7) its normal running direction (12), and in that a cutting device (5) is so arranged as to be conveyed across (6,7) the running direction (12) of a label ribbon (3-3ⁿ) in question for cutting said label ribbon (3-3ⁿ) into individual (1-1ⁿ, 1A-1ⁿA).
10. (Original) Arrangement in accordance with Patent Claim 8, characterized in that a table (9) or some similar support, extending from the loom (2) to the cutting unit (4), is so arranged as to carry the intended number of label ribbons (3-3ⁿ) side by side, and in that a driving mechanism is so arranged as to convey said label ribbons (3-3ⁿ) to the cutting unit (4).
11. (Currently Amended) Arrangement in accordance with ~~one or other of the foregoing Patent Claims 9-10~~ Claim 9, characterized in that the clamping instrument (10) consists of a roller, wheel or some similar instrument, which can be rotated, driven and braked and is so arranged as to be in close contact with the label ribbon (3-3ⁿ).

12. (Original) Arrangement in accordance with Patent Claim 10, characterized in that a continuous transverse clamping instrument (10) is so arranged as to bear simultaneously against several label ribbons positioned side by side.
13. (Currently Amended) Arrangement in accordance with ~~one or other of the foregoing Patent Claims 9-12~~ Claim 9, characterized in that the cutting device (5) is constituted by a guiding runway rail (13) extending across the label ribbon/ribbons in question, and a laser-cutting knife guided by the same (5) that is so arranged as to be conveyed forward and back (6,7) along said guiding runway rail.
14. (Currently Amended) Arrangement in accordance with Claim 9 ~~one or other of the foregoing Patent Claims 9-13~~, characterized in that the cutting device (5) is a laser-cutting device.
15. (Original) Arrangement in accordance with Patent Claim 14, characterized in that the laser-cutting device is a CO2 laser cutter.
16. (Currently Amended) Arrangement in accordance with ~~one or other of the foregoing Patent Claims 14-15~~ Claim 14, characterized in that the laser beam is stationary generated and guided to the cutting head by mirror deflection.
17. (Currently Amended) Arrangement in accordance with ~~one or other of the foregoing Patent Claims 9-16~~ Claim 9, characterized in that the loom includes means for making special controlling or cutting marks on the ribbon during the weaving process at the place at which the cutting device shall operate.
18. (Original) Arrangement in accordance with Patent Claim 17, characterized in that the cutting apparatus comprises a scanner for scanning said controlling of cutting marks.
19. (Original) Arrangement in accordance with Patent Claim 18, characterized in that the cutting apparatus comprises starting means to initiate a cutting operation each time the scanning device detects a controlling or cutting mark.

20. (Currently Amended) Arrangement in accordance with Claim 9 ~~one or other of the foregoing Patent Claims 9-19~~, characterized in that said cutting device (4) is connected to the loom (2) via a connector (15), and in that impulses are sent via said connector (15) from the loom (2) to the laser cutting device (4) when the specified length is reached and cutting is to take place.
21. (Currently Amended) Arrangement in accordance with ~~one or other of the foregoing Patent Claims 9-20~~ Claim 9, characterized in that the cutting device (4) is connected to the weaving loom (2) by means of a plug (15), and in that data in respect of the cutting intensity and synchronization of the cutting speed between the weaving machine control and the cutting device control is exchanged via this plug connection (15).
22. (Currently Amended) Arrangement in accordance with Claim 9 ~~one or other of the foregoing Patent Claims 9-21~~, characterized in that the cut labels are systematically arranged in a packaging unit immediately following the cutting procedure.
23. (Currently Amended) Arrangement in accordance with Claim 9 ~~one or other of the foregoing Patent Claims 9-22~~, characterized in that a straight-edge (5) extending across the support table (9) is capable of being caused to move down into matching gaps (51) extending across the running direction (12) of the label ribbons (3) for the purpose of the double-folding (1A, 1B) of cut labels (1-1ⁿ) and pushing them through the gap (51).
24. (Original) Arrangement in accordance with Patent Claim 23, characterized in that the gap (51) extends all the way across the support table (9).